

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT OF PATENT RIGHTS OF AN INVENTION

FOR U.S. Rights and Foreign Rights for a U.S. Patent Application

17302 U.S. PTO
10/676874



First Named Inventor: Baker, Karl W.

Attorney Docket Number: D498

WHEREAS: In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

THE ASSIGNOR(S):

1st Named Inventor: Karl William Baker.
Street Address: 5075 Highbourne Lane.
City, State, Zip, USA: Centreville, Virginia, 20120, USA.

2nd Named Inventor: _____.
Street Address: _____.
City, State, Zip, USA: _____, _____, _____, USA.

3rd Named Inventor: _____.
Street Address: _____.
City, State, Zip, USA: _____, _____, _____, USA.

4th Named Inventor: _____.
Street Address: _____.
City, State, Zip, USA: _____, _____, _____, USA.

HEREBY sells, assigns, grants, and transfers unto the ASSIGNEE: The Aerospace Corporation, M1/040, 2350 East El Segundo Boulevard, El Segundo, CA 90245, USA, and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title, and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Title: Superheater Capillary Two-Phase Thermodynamic
Power Conversion Cycle System.

and which is found in (37 C.F.R. Section 3.21) U.S. patent application executed herewith and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 9, 29, 03 Signature: Karl William Baker.

1st Named Inventor's Name: Karl William Baker.

Date: _____ Signature: _____.

2nd Named Inventor's Name: _____.

Date: _____ Signature: _____.

3rd Named Inventor's Name: _____.

Date: _____ Signature: _____.

4th Named Inventor's Name: _____.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT TRANSMITTAL ACCOMPANYING A NEW PATENT APPLICATION

First Named Inventor: Baker, Karl W.

Attorney Docket Number: D498

Title: Superheater Capillary Two-Phase Thermodynamic
Power Conversion Cycle System.

To: The Director of Patents and Trademarks, Washington, DC 20231

Attention: Assignment Branch

Dear Sir: Please record the enclosed assignment.

1. IDENTITY OF PARTY MAKING TRANSFER:

Inventors: Karl W. Baker.

2. IDENTITY OF PARTY TO WHOM TRANSFER IS MADE :

Internal Address: The Aerospace Corporation

P.O. Box 92957

Los Angeles, CA 90009

Street Address: The Aerospace Corporation

2350 East El Segundo Boulevard

El Segundo, CA 90245

3. NATURE OF CONVEYANCE: Assignment

4. EXECUTION DATES:

The enclosed assignment was executed on September , 29 , 2003.

The above mentioned new application filed with the enclosed assignment
was executed on September , 29 , 2003.

5. APPLICATIONS AND PATENTS INVOLVED:

The above mentioned new application is the only application or patent
involved.

6. FEE DUE: \$40.00 The Commissioner for Patents is authorized to charge
assignee's deposit account for the assignment recording fee.

7. DEPOSIT ACCOUNT NUMBER: 01-0428 in the Name of The Aerospace Corporation.

8. ADDRESS TO RETURN ASSIGNMENT AFTER RECORDING BY THE PTO:

Carole A. Mulchinski, M1/040
Office of the General Counsel
The Aerospace Corporation
P.O. Box 92957
Los Angeles, CA 90009

9. SIGNATURE AND STATEMENT:

To the best of my knowledge and belief, the foregoing information is
true and correct.

Respectfully Submitted,

Derrick Michael Reid

Derrick Michael Reid
Registration No. 32,096

The Aerospace Corporation
P.O. Box 92957 M1/040
Los Angeles, CA, 90009 USA
Telephone: (310) 336-6708

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION EXPRESS MAIL CERTIFICATE

First Named Inventor: Baker, Karl W.

Attorney Docket Number: D498

Title: Superheater Capillary Two-Phase Thermodynamic
Power Conversion Cycle System.

Express Mail Label Number: ER 310096267 US.

Date of Deposit: October , 1 , 2003.

Application No.: Unassigned, Group No.: Unassigned.

Filing Date: Unassigned, Examiner: Unassigned.

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE:

I hereby state that the following attached papers:

Application Transmittal	1 page
Application Fee Transmittal	1 page with a duplicate copy
Declaration of the Inventor(s)	2 pages
Power of Attorney	1 page
Assignment Transmittal	1 page
Assignment of Patent Rights	2 pages
Patent Application	41 pages including claims & abstract
Drawing Sheets	2 sheets
Mail Room Return Postcard	1 Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sharon A. West

Name of Person mailing the above referenced papers

Sharon A. West, October , 1 , 2003.
Signature of person mailing papers Date of Mailing